

Shantou Hongzhan Electric Industry Co., LTD

Antenna Specification

Customer Name: Hongzhan

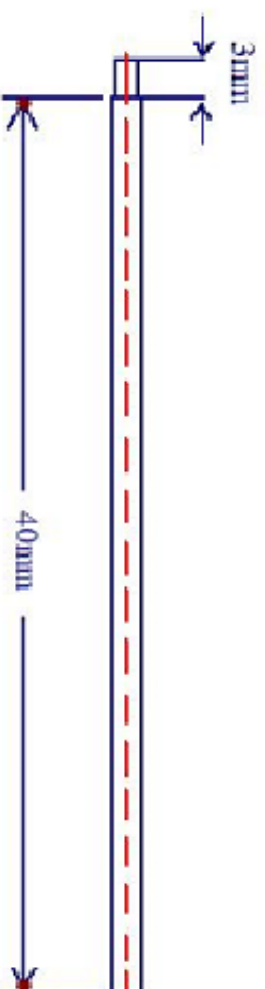
Product Name: 2.4G Antenna Length 40mm White

Antenna Type: Wire Antenna

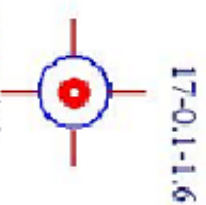
Part NO.: 17-0.1-1.6

Write By: Wang

Issued Date: 2023.02.18



Wire:1.6mm white



Shantou Hongzhan Electric Industry Co., LTD		
PART TTITLE:	2.4G Antenna	MATERIAL: 1.6mm white
PART NO: 17-0.1-1.6	DATE: 2022.09.16	UNTT IN mm SCALE 5:1 VER 01

Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain 0.17DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 black

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

1. Network Analyzers :

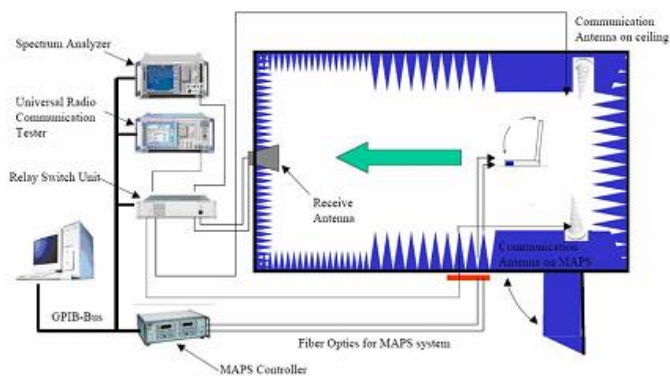
Agilent 8753D 5071B

2. Communications Test Set:

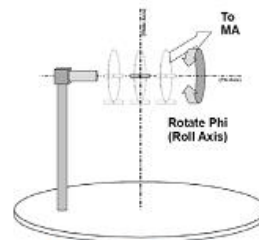
Agilent E5515C

3. 3D Chamber Test System

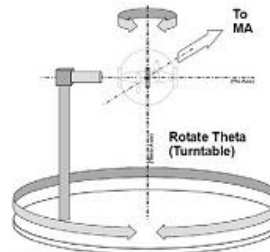
Effiency &Gain



(Testing by 3D anechoo chamber)



Phi axis test



Theta axis test

Effiency &Gain

2.40	-0.01
2.440	0.12
2.48	0.17

Radiation Pattern:

